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| FORM PTO-390 (REV. 10-2003) | | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | | ATTORNEY'S DOCKET NUMBER 0020-5309PUS1 | |
| TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371 | | | | U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/511154 | |
| INTERNATIONAL APPLICATION NO. PCT/JP03/04681 | | INTERNATIONAL FILING DATE April 14, 2003 | | PRIORITY DATE CLAIMED April 15, 2002 | |
| TITLE OF INVENTION SYSTEM FOR TRANSFORMING PLANTS | | | | | |
| APPLICANT(S) FOR DO/EO/US Tatsuo AKAI; Daisuke SUZUMURA; Tomoko KOJIMA; Akio KOBAYASHI; and Eiichiro FUKUSAKI | | | | | |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: | | | | | |
| 1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. 3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input checked="" type="checkbox"/> The US has been elected (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) a. <input type="checkbox"/> is attached hereto (required only if not transmitted by the International Bureau). b. <input checked="" type="checkbox"/> has been communicated by the International Bureau. WO 03/086053 A1 c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). a. <input checked="" type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4) 7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)). a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input checked="" type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). a. <input type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been submitted to the Internal Bureau (See Box VIII-4-1 of the Request (PCT/R0/101), copy attached). The Power of Attorney or Authorization of Agent and Certificate under 37 CFR 3.73(b) Showing Chain of Title are: <input type="checkbox"/> attached hereto. <input type="checkbox"/> will follow. 10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). | | | | | |
| Items 11. to 20. below concern document(s) or information included: | | | | | |
| 11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98, Form PTO-1449(s), and International Search Report (PCT/ISA/210) with 3 cited document(s). 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input checked="" type="checkbox"/> A preliminary amendment. 14. <input checked="" type="checkbox"/> An Application Data Sheet 15. <input type="checkbox"/> A substitute specification. 16. <input type="checkbox"/> A power of attorney and/or change of address letter. 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821-1.825. 18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). 20. <input checked="" type="checkbox"/> Other items or information: Fourteen (14) sheets of Formal Drawings; PCT/IB/308; PCT/IB/304; PCT/IPEA/409. | | | | | |

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|------------------------------------------------|--|------------------------------|--|--------------------------|--|
| U.S. APPLICATION NO (if known, see 37 CFR 1.5) | | INTERNATIONAL APPLICATION NO | | ATTORNEY'S DOCKET NUMBER | |
| NEW 511154 | | PCT/JP03/04681 | | 0020-5309PUS1 | |

| <p>21. <input checked="" type="checkbox"/> The following fees are submitted:</p> <p>BASIC NATIONAL FEE (37 CFR 1.492(a)(1)-(5): Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO. \$1,110.00</p> <p>International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO \$950.00</p> <p>International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO. \$790.00</p> <p>International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4). \$750.00</p> <p>International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4). \$100.00</p> <p style="text-align: right;">ENTER APPROPRIATE BASIC FEE AMOUNT =</p> <p>Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: small;"> <tr> <th style="width: 20%;">CLAIMS</th> <th style="width: 20%;">NUMBER FILED</th> <th style="width: 20%;">NUMBER EXTRA</th> <th style="width: 20%;">RATE</th> <th style="width: 20%;"></th> <th style="width: 20%;"></th> </tr> <tr> <td>Total Claims</td> <td>20 - 20 =</td> <td>0</td> <td>X \$18.00</td> <td>\$</td> <td>0.00</td> </tr> <tr> <td>Independent Claims</td> <td>5 - 3 =</td> <td>2</td> <td>X \$88.00</td> <td>\$</td> <td>176.00</td> </tr> <tr> <td colspan="3">MULTIPLE DEPENDENT CLAIM(S) (if applicable)</td> <td>0</td> <td>+ \$300.00</td> <td>\$ 0.00</td> </tr> <tr> <td colspan="4" style="text-align: right;">TOTAL OF ABOVE CALCULATIONS =</td> <td>\$</td> <td>1256.00</td> </tr> </table> <p><input checked="" type="checkbox"/> Applicant claims small entity status. See 37 C.F.R. § 1.27. The fees indicated above are reduced by 1/2.</p> <p style="text-align: right;">SUBTOTAL =</p> <p>Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 C.F.R. § 1.492(f)).</p> <p style="text-align: right;">TOTAL NATIONAL FEE =</p> <p>Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property</p> <p style="text-align: right;">TOTAL FEES ENCLOSED =</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: small;"> <tr> <td style="width: 60%;"></td> <td style="width: 20%; text-align: right;">Amount to be:</td> <td style="width: 20%;"></td> </tr> <tr> <td></td> <td style="text-align: right;">refunded</td> <td style="text-align: right;">\$</td> </tr> <tr> <td></td> <td style="text-align: right;">charged</td> <td style="text-align: right;">\$</td> </tr> </table> | CLAIMS | NUMBER FILED | NUMBER EXTRA | RATE | | | Total Claims | 20 - 20 = | 0 | X \$18.00 | \$ | 0.00 | Independent Claims | 5 - 3 = | 2 | X \$88.00 | \$ | 176.00 | MULTIPLE DEPENDENT CLAIM(S) (if applicable) | | | 0 | + \$300.00 | \$ 0.00 | TOTAL OF ABOVE CALCULATIONS = | | | | \$ | 1256.00 | | Amount to be: | | | refunded | \$ | | charged | \$ | <p style="text-align: center;">CALCULATIONS PTO USE ONLY</p> |
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| CLAIMS | NUMBER FILED | NUMBER EXTRA | RATE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total Claims | 20 - 20 = | 0 | X \$18.00 | \$ | 0.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Independent Claims | 5 - 3 = | 2 | X \$88.00 | \$ | 176.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MULTIPLE DEPENDENT CLAIM(S) (if applicable) | | | 0 | + \$300.00 | \$ 0.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL OF ABOVE CALCULATIONS = | | | | \$ | 1256.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Amount to be: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | refunded | \$ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | charged | \$ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

a. ☒ A check in the amount of **\$628.00** to cover the above fees is enclosed.

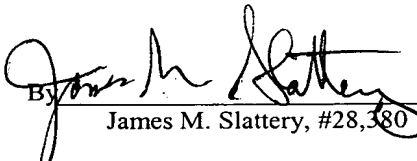
b. ☐ Please charge my Deposit Account. No. 02-2448 in the amount of **\$0.00** to cover the above fees. A duplicate copy of this sheet is enclosed.

c. ☒ The Commissioner is hereby authorized to charge any additional fees that may be required, or credit any overpayment to Deposit Account No. 02-2448.

NOTE: Where an appropriate time limit under 37 C.F.R. § 1.495 has not been met, a petition to revive (37 C.F.R. § 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

Send all correspondence to:
Birch, Stewart, Kolasch & Birch, LLP or Customer No. 02292
P.O. Box 747
Falls Church, VA 22040-0747
(703) 205-8000

Date: October 14, 2004


 By James M. Slattery
 James M. Slattery, #28,380